

AUTHOR INDEX

- | | |
|---|--|
| <p>Ahluwalia P K
 <i>see</i> Chand Shyam 887</p> <p>Ali Sk Golam
 Effects of three-body atomic interaction and optical lattice on solitons in quasi-one-dimensional Bose–Einstein condensate 445
 <i>see</i> Pal Debabrata 939</p> <p>Ambika G
 <i>see</i> Harikrishnan K P 325</p> <p>Amruth B R
 Detection of directional energy damping in vibrating systems 637</p> <p>Anusionwu B C
 Theoretical studies of mutual diffusivities and surface properties in Cd–Ga liquid alloys 951</p> <p>Ashraf I M
 <i>see</i> Badr A M 871</p> <p>Aydin A
 <i>see</i> Kaplan A 343</p> <p>Badr A M
 Crystal growth, electrical and photophysical properties of Tl_2S layered single crystals 871</p> <p>Bali Raj
 Bianchi Type V magnetized string dust cosmological models with Petrov-type degenerate 787</p> <p>Banerjee Souri
 <i>see</i> Amruth B R 637</p> <p>Bannur Vishnu M
 Formulation of statistical mechanics for chaotic systems 315</p> <p>Belyaev A
 Dictionary of Large Hadron Collider signatures 229</p> <p>Belyaev Alexander
 Supersymmetry status and phenomenology at the Large Hadron Collider 143</p> <p>Berera Arjun
 Developments in inflationary cosmology 169</p> <p>Bhat S V
 <i>see</i> Damle R 555</p> <p>Bhattacharjee Ramendu
 <i>see</i> Karumuri Srinivasa Rao 517</p> | <p>Bhattacharyya Gautam
 Electroweak symmetry breaking and beyond the Standard Model physics – A review 37</p> <p>Bhaumik S
 <i>see</i> Saha S 1037</p> <p>Biju R K
 <i>see</i> Santhosh K P 689</p> <p>Cao Mingcui
 <i>see</i> Jianwei Wu 727</p> <p>Chakarvarti S K
 <i>see</i> Kaur Jaskiran 759</p> <p>Chakrabarti Rajarshi
 Transient state work fluctuation theorem for a classical harmonic oscillator linearly coupled to a harmonic bath 665</p> <p>Chand Fakir
 <i>see</i> Singh Ram Mehar 647</p> <p>Chand Shyam
 Inter-dot coupling effects on transport through correlated parallel coupled quantum dots 887</p> <p>Chandrachud Prachi
 Stability of gold cages (Au_{16} and Au_{17}) at finite temperature 845</p> <p>Chatterjee A
 <i>see</i> Parkar V V 363</p> <p>Chattopadhyay D
 <i>see</i> Ghosh P K 399</p> <p>Chinnathambi V
 <i>see</i> Ravichandran V 927</p> <p>Choubey Sandhya
 Working group report: Neutrino physics 269</p> <p>Choudhury Debajyoti
 Working group report: Collider and flavour physics 251</p> <p>Choudhury Joydeep
 <i>see</i> Karumuri Srinivasa Rao 517</p> <p>Christidi I A
 <i>see</i> Belyaev A 229</p> |
|---|--|

- Damle R
The effect of composition, electron irradiation and quenching on ionic conductivity in a new solid polymer electrolyte: (PEG)_xNH₄I 555
- Datta Aresh K
see Choudhury Debajyoti 251
- Datta Soma
Experimental studies of the transient fluctuation theorem using liquid crystals 797
- Desai M S
see Kheraj V A 1011
- Devi Arati
Alpha radioactivity for proton-rich even Pb isotopes 753
- Dudas Emilian
Supersymmetry breaking 131
- Dutta Gupta S
Slow light with symmetric gap plasmon guides with finite width metal claddings 303
- Elshaikh H A
see Badr A M 871
- Fabiane M
see Rapapa N P 979
- Fleuret Frédéric
Recent relativistic heavy ion collider results on photon, dilepton and heavy quark 23
- Fouladi A A
see Ketabi S A 1023
- Gajbhiye N S
see Ningthoujam R S 577
- Gajjar P N
see Thakor P B 1045
- Gamberg Leonard P
Transverse spin and momentum correlations in quantum chromodynamics 55
- Gholamzadeh Zohreh
see Sadeghi Mahdi 335
- Ghosal A
see Ghosh P K 399
- Ghosh P K
Magnetoelectronic transport of the two-dimensional electron gas in CdSe single quantum wells 399
- Godbole R M
see Belyaev A 229
- Gontrand C
see Rechem D 587
- Gopalakrishnan V
see Pandikumar G 819
- Goyal Sneha Lata
Empirical relation and establishment of shell effects in (*n*, 2*n*) reaction cross-sections at 14 MeV 355
- Guchait Monoranjan
Physics beyond Standard Model: Working group 3 report 239
- Gur Pratibha
see Goyal Sneha Lata 355
- Gutierrez Cristian Leonardo
A relativistic quark–diquark model for the nucleon 451
- Harikrishnan K P
Efficient use of correlation entropy for analysing time series data 325
- Hirsch Martin
The neutrino mass matrix and (selected) variants of A₄ 183
- Hu Y X
Studies of the *g* factors and the superhyperfine parameters for Ni³⁺ in the fluoroperovskites 989
- Indumathi D
see Choubey Sandhya 269
- Jain Sudhir R
Ground state of an arbitrary triangle with a Calogero–Sutherland–Moser potential 611
- Jani A R
see Thakor P B 1045
- Jeyakumari S
see Ravichandran V 927
- Jha V
see Parkar V V 363
- Jijo P U
see John Manu P 495
- John Manu P
Effect of a fluctuating parameter mismatch and the associated time-scales on coupled Rossler oscillators 495
- John Shollykutty
Chaos in the solar wind flow near Earth 743
- Joshi Kavita
see Chandrachud Prachi 845
- Kailas S
see Parkar V V 363
- Kajita Takaaki
Future of neutrino experiments 109

- Kakavand Tayeb
see Sadeghi Mahdi 335
- Kanhere D G
see Chandrachud Prachi 845
- Kanjilal D
see Kaur Jaskiran 759
 Electric field distribution and simulation of avalanche formation due to the passage of heavy ions in a parallel grid avalanche counter 833
- Kaplan A
 Equilibrium and pre-equilibrium emissions in proton-induced reactions on $^{203,205}\text{Tl}$ 343
- Kaplinghat M
 WHEPP-X: Report on the working group on cosmology 263
- Karumuri Srinivasa Rao
 Vibrational spectra of nickel metalloporphyrins: An algebraic approach 517
- Kaur Jaskiran
 Modifications induced in the polycarbonate Makrofol KG polymer by Li (50 MeV) ion irradiation 759
- Ketabi S A
 Transport properties of poly(GACT)-poly(CTGA) deoxyribonucleic acid: A ladder model approach 1023
- Khatua P
 Indigenous design and fabrication of a 6.5 T superconducting magnet and a magnetotransport measurement set-up 629
- Kheraj V A
 Simulation of reflectivity spectrum for non-absorbing multilayer optical thin films 1011
- Krishnamurthy Sailaja
see Chandrachud Prachi 845
- Kulkarni P N
see Damle R 555
- Kumar A
see Tripathi R 969
- Kumar G S
see Raghavender M 999
- Kumar V
see Kumawat H 601
- Kumawat H
 Extension of CASCADE.04 to estimate neutron fluence and dose rates and its validation 601
- Kundu Anirban
see Choudhury Debajyoti 251
- Kurian P J
see John Shollykutty 743
- Laha U
 An integral transform of Green's function, off-shell Jost solution and T-matrix for Coulomb-Yamaguchi potential in coordinate representation 457
- Latreche S
see Rechem D 587
- Lee Su Houng
 Charmonium states in quark-gluon plasma 97
- Li Hong
 The auxiliary elliptic-like equation and the exp-function method 915
- Li L L
see Hu Y X 989
- Liang Mai-Lin
 Quantum-classical correspondence of the Dirac equation with a scalar-like potential 777
- Luo Fengguang
see Wu Jianwei 727
- Madu C A
see Anusionwu B C 951
- Magnea Lornzo
 All-order results for soft and collinear gluons 69
- Maharaj S D
 Generalized isothermal models with strange equation of state 481
- Mahata K
see Parkar V V 363
- Majethiya Ajay
see Patel Bhavin 679
- Majumdar A K
see Khatua P 629
- Malik R P
 Nilpotent symmetry invariance in the non-Abelian 1-form gauge theory: Superfield formalism 505
 Superfield approach to symmetry invariance in quantum electrodynamics with complex scalar fields 805
- Mandal B P
see Malik R P 505, 805

- Manjunathaguru V
Simple parametrization of photon mass energy absorption coefficients of H-, C-, N- and O-based samples of biological interest in the energy range 200–1500 keV 375
- Mao Ling-Feng
Effects of quantum coupling on the performance of metal-oxide-semiconductor field transistors 407
- Maurya M K
Dependence of gain and phase-shift on crystal parameters and pump intensity in unidirectional photorefractive ring resonators 709
- Mehrotra I
see Devi Arati 753
- Mellado B
Prospects for Higgs boson searches at the Large Hadron Collider 15
see Belyaev A 229
- Meng Xin-He
see Paul Dilip 903
- Mishra S C
see Singh Ram Mehar 647
- Misra R
see Harikrishnan K P 325
- Mohanakrishnan P
see Pandikumar G 819
- Mohanty Bedangadas
see Roy Pradip 285
- Mokhtari Leila
see Sadeghi Mahdi 335
- Morita Kenji
see Lee Su Houng 97
- Mukherjee Asmita
Working group report: Quantum chromodynamics sub-group 277
- Mulders P J
Non-collinearity in high energy processes 83
- Nanda K K
Size-dependent melting of nanoparticles: Hundred years of thermodynamic model 617
- Nandakumaran V M
see John Manu P 495
- Ningthoujam R S
Reduction mechanism of Ni²⁺ into Ni nanoparticles prepared from different precursors: Magnetic studies 577
- Nyffeler A
see Belyaev A 229
- Orji C E
see Anusionwu B C 951
- Pakvasa Sandip
 D_0 - \bar{D}_0 mixing and new physics 205
- Pal Debabrata
Evolution of optical pulses in the presence of third-order dispersion 939
- Panchal C J
see Kheraj V A 1011
- Pandey D K
see Singh Devraj 389
- Pandikumar G
Multiple recycling of fuel in prototype fast breeder reactor 819
- Pareek Umesh K
see Bali Raj 787
- Parkar V V
Reaction mechanism study of ⁷Li(⁷Li, ⁶He) reaction at above Coulomb barrier energies 363
- Passera M
Challenging the Standard Model with the muon $g - 2$ 195
- Patel Bhavin
Masses and magnetic moments of triple heavy flavour baryons in hypercentral model 679
- Paul Bikash Chandra
see Paul Dilip 903
- Paul Dilip
Inflation with hyperbolic potential in the braneworld model 903
- Petridou C
see Belyaev A 229
- Potbhare V
see Kheraj V A 1011
- Prakash S
see Devi Arati 753
- Prasad G
see Raghavender M 999
- Raghavender M
A-site substitution-controlled dielectric dispersion in lead-free sodium bismuth titanate 999
- Rajasekar S
see Ravichandran V 927
- Rajput G
see Chand Shyam 887

- Ramachandran K
see Parkar V V 363
- Rapapa N P
 The corrections to scaling within Mazenko's theory in the limit of low and high dimensions 979
- Ravichandran V
 Role of asymmetries in the chaotic dynamics of the double-well Duffing oscillator 927
- Rechem D
 Channel length scaling and the impact of metal gate work function on the performance of double gate-metal oxide semiconductor field-effect transistors 587
- Rodejohann W
 The see-saw mechanism: Neutrino mixing, leptogenesis and lepton flavour violation 217
- Roeck A de
see Belyaev A 229
- Roeck Albert De
 Early physics with ATLAS and CMS 3
- Roy A
see Saha S 1037
- Roy Arun
see Datta Soma 797
- Roy B J
see Parkar V V 363
- Roy D P
see Belyaev A 229
- Roy Pradip
 Working group report: Quark gluon plasma 285
- Roy S
 Fragmentation of positronium in collision with Li ion including electron loss to the continuum 527
- Sadeghi Mahdi
 Determination of ^{68}Ga production parameters by different reactions using ALICE and TALYS codes 335
- Saha Aparna
see Ali Sk Golam 445
- Saha S
see Kanjilal D 833
 Coupling between drainage and coarsening in wet foam 1037
- Sanctis Maurizio De
see Gutierrez Cristian Leonardo 451
- Sanjuán M A F
see Ravichandran V 927
- Santhosh K P
 Neutron and proton shell closure in the superheavy region via cluster radioactivity in $^{280-314}116$ isotopes 689
- Santra S
see Parkar V V 363
- Şarer B
see Kaplan A 343
- Sarkar Nirmal Kumar
see Karumuri Srinivasa Rao 517
- Schwetz Thomas
 Neutrino oscillations: Present status and outlook 119
- Sen D
 Complementarity controversy in wave-particle duality revisited 765
- Sharma K C
see Chand Shyam 887
- Sharma Sachil
see Ningthoujam R S 577
- Shri Ram
 Bianchi type-V cosmological models with perfect fluid and heat flow in Saez-Ballester theory 415
- Shrivastava A
see Parkar V V 363
- Shu Shun-Lin
see Liang Mai-Lin 777
- Singh C P
see Shri Ram 415
 Locally-rotationally-symmetric Bianchi type-V cosmology in general relativity 429
- Singh Devraj
 Ultrasonic investigations in intermetallics 389
- Singh Ram Mehar
 The solution of the Schrödinger equation for coupled quadratic and quartic potentials in two dimensions 647
- Singh Surinder
see Kaur Jaskiran 759
- Sinha C
see Roy S 527
- Sinha T P
see Tripathi R 969
- Soni Amarjit
 Precocious signs of new physics: Are we eight now? 161
- Srinivasan P
see Kumawat H 601

Sriramkumar L		Wu Jianwei	
<i>see</i> Kaplinghat M	263	Generation of ultrafast pulse via combined effects of stimulated Raman scattering and non-degenerate two-photon absorption in silicon nanophotonic chip	727
Talukdar B		Wu S Y	
<i>see</i> Ali Sk Golam	445	<i>see</i> Hu Y X	989
<i>see</i> Pal Debabrata	939	Xiao-Xuan Wu	
Tel E		Electron paramagnetic resonance parameters of Mn ⁴⁺ ion in h-BaTiO ₃ crystal from a two-mechanism model	569
<i>see</i> Kaplan A	343	Xu Huan	
Thakor P B		<i>see</i> Zhang Jianqi	547
Phonon dispersion relation of liquid metals	1045	Xu Ke-Wei	
Thayyullathil Ramesh Babu		<i>see</i> Zhang Jian-Min	857
<i>see</i> Bannur Vishnu M	315	Xu Qi-Ming	
Thirukkanesh S		<i>see</i> Wei Qun	735
<i>see</i> Maharaj S D	481	Yadav R A	
Tripathi R		<i>see</i> Maurya M K	709
Dielectric properties of CdS nanoparticles by soft chemical route	969	Yadav T K	
Turakulov Z Y		<i>see</i> Maurya M K	709
Weak gravitational field and Coriolis potential	473	Yuan Bing	
Umesh T K		<i>see</i> Liang Mai-Lin	777
<i>see</i> Manjunathaguru V	375	Yu Rui-Yan	
Vempati Sudhir K		A new approach to two-charge fuzball geometries	655
<i>see</i> Guchait Monoranjan	239	Zeyauddin M	
Vinodkumar P C		<i>see</i> Shri Ram	415
<i>see</i> Patel Bhavin	679	Zhang Jian-Min	
Wang Fang		Self-interstitial configuration in molybdenum studies by modified analytical embedded atom method	857
<i>see</i> Xiao-Xuan Wu	569	Zhang Jianqi	
<i>see</i> Zhang Jian-Min	857	Optical computation based on nonlinear total reflectional optical switch at the interface	547
Wang X F		Zhang Jin-Liang	
<i>see</i> Hu Y X	989	<i>see</i> Li Hong	915
Wei Qun			
Zero-field splitting of ⁴ T ₂ term for 3d ³ ions in tetragonal symmetry	735		
Wen-Chen Zheng			
<i>see</i> Xiao-Xuan Wu	569		
Wen-Lin Feng			
<i>see</i> Xiao-Xuan Wu	569		